



## JOB DESCRIPTION

---

**ROLE:** Research Scientist (Transdermal Patches)

**SALARY AND BENEFITS:** Negotiable

**REPORTS TO:** Manager – F&D

**LOCATION:** India

---

### PRIMARY RESPONSIBILITIES :

- Responsible for formulation development of Transdermal Patches (reservoir/drug in adhesive).
- Having the knowledge of set up the lab facility.
- Conducting literature search and preparation of literature report.
- Innovator product characterization and reverse engineering studies.
- Procuring raw materials, formulation strategy making.
- Conducting API characterization and preparing Prototype formulations.
- Evaluation of permeability studies and comparison with Innovator formulation.
- Evaluating trial batch results scientifically, accordingly planning for further experiments.
- Optimization of appearance patch size, area & thickness.
- Selection of primary packing, secondary packing material.
- Formula and process Optimisation studies.
- Taking TT demo batches and scale up studies.
- Stability studies and data interpretation.
- Documentation as per regulatory requirements (MFC, Spec., Product Development Report, etc.)
- Monitoring validation batches in plant.
- Submitting samples for Bio-Equivalence studies and Evaluation of BE results.

### ESSENTIAL EXPERIENCE, SKILLS AND ABILITIES :

- 2 - 5 years of experience in formulation development & technology transfer of transdermal patches.
- Knowledge of ICH, US & EU guidelines for generic drug product development.
- Candidates with hands on experience in QbD & DoE will be preferred.